

L1 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 1988:209680 CAPLUS  
DN 108:209680  
ED Entered STN: 11 Jun 1988  
TI Organic waste composting with manure  
IN Vass, Tamas; Szunai, Miklos; Balint, Sandor; Cencz, Ferenc  
PA "Nyirfa" Kornyezetvedelmi es Ipari Szolgaltato Kisszovetkezet, Hung.  
SO Hung. Teljes, 13 pp.  
CODEN: HUXXBU  
DT Patent  
LA Hungarian  
IC ICM C05F007-00  
ICS C05F013-00  
CC 60-4 (Waste Treatment and Disposal)  
Section cross-reference(s): 19

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	HU 43310	A2	19871028	HU 1985-2354	19850614 <--
	HU 199365	B	19900228		
PRAI	HU 1985-2354		19850614		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
HU 43310	ICM	C05F007-00
	ICS	C05F013-00

AB Organic wastes from the food industry, metallurgical industry and from oil-processing or utilizing industries are rendered environmentally safe by composting with manure and/or agricultural byproducts. A mixture comprising 15% by weight oily waste and 85% nutrient medium was composted for 35-42 days. The nutrient medium contained 30% solids, and was made of manure mixed with bedding straw. The compost (45 ton/ha) was used as fertilizer for wheat and corn.

ST org waste composting

IT Compost

(manufacture of, from oil- and fat-containing wastes)

IT Wastes

(oil- and fat-containing, biodegrdn. of, fertilizers from)

IT Manure

(organic waste biodegrdn. by)

IT Leaf

Peat

Sawdust

Straw

(organic wastes composting with manure and)

IT Beet

Forestry

(processing wastes of, composting with)

IT Corn

(stalks, organic waste composting with manure and)

IT Tanning

(wastes from, composting of)

IT Lubricants

(wastes, composting of)

IT Oils, glyceridic

RL: PROC (Procéss)

(vegetable, processing wastes from, composting of)

DERWENT- 1987-329660

ACC-NO:

DERWENT- 198747

WEEK:

COPYRIGHT 2005 DERWENT INFORMATION LTD

**TITLE:** Wastes are rendered harmless by biodegradation - when mixed with animal or plant manure and composted

**INVENTOR:** BALINT, S; GENCZ, F ; SZUNAI, M ; VASS, T

**PATENT-ASSIGNEE:** NYIRFA KORNYEZETVED [NYIRN]

**PRIORITY-DATA:** 1985HU-0002354 (June 14, 1985)

**PATENT-FAMILY:**

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
HU 43310 T	October 28, 1987	N/A	000	N/A

**APPLICATION-DATA:**

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
HU 43310T	N/A	1985HU-0002354	June 14, 1985

**INT-CL (IPC):** C05F007/00, C05F013/00

**ABSTRACTED-PUB-NO:** HU 43310T

**BASIC-ABSTRACT:**

Rendering wastes harmless of wastes is achieved by biodegradation. A nutrient is prepared from animal manure or agricultural or industrial by-products of plant origin and is mixed or layered with waste products. The mixt. which heats up naturally to 20-70 deg.C is allowed to mature for 1-4 months. The composted material is used for soil maintenance or improvement with or without other soil improving additives.

The nutrient contains at least 30 vo. % of animal manure or plant byproducts and water. The composting mixture consists of 1-30 vol.% of waste and 70-99 vol.% nutrient. Animal manure can consist of cattle, pig or poultry solid excrement or manure contg. such. Usable plant byproducts are straw, cornstalks, tree ~~leaves~~, sugar-beet or turnip tops and ~~leaves~~, sawdust, fresh ~~seed~~ wastes or peat.

**TITLE-** WASTE RENDER HARM BIODEGRADABLE MIX ANIMAL PLANT MANURE  
**TERMS:** COMPOST

**DERWENT-CLASS:** C04 D16

**CPI-** C04-A07D; C04-B04B; C04-B04L; C04-B04M; C11-A; C12-N10;  
**CODES:** D05-A04A;

**SECONDARY-ACC-NO:**

**CPI Secondary Accession Numbers:** C1987-140503